

# Converting Colors

Hex(694123)

Have a look what the booklet for  
Hex(694123) contains.

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# Color

**Hex(694123)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	694123
RGB	105, 65, 35
RGB Percent	41%, 25%, 14%
CMY	0.5882, 0.7451, 0.8627
CMYK	0.00, 0.38, 0.67, 0.59
HSL	26°, 50%, 27%
HSV	26°, 67%, 41%
XYZ	8.0194, 6.9052, 2.5003
YIQ	73.5400, 33.4700, -0.8500

# Conversions

## Conversions Part 2

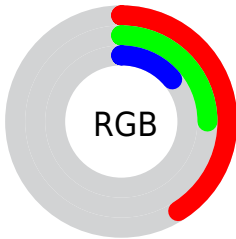
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 88, 35
Decimal	6897955
CIE Lab	31.59, 14.17, 25.21
CIE LCh	32, 28.915, 60.657
Yxy	6.9052, 0.4602, 0.3963
Android (android.graphics.Color)	4285088035 (0xFF694123)
YUV	73.5400, -19.0002, 27.5904
Hunter-Lab	26.2777, 8.4881, 12.7531

# Details

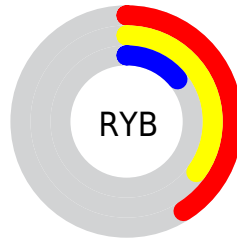
The Hex color **694123** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **234B69**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9F7151**, and **361600** is the 20% darker color. If you saturate the color by 10%, you get **693B19**, and if you desaturate by 10%, it is **69472E**.

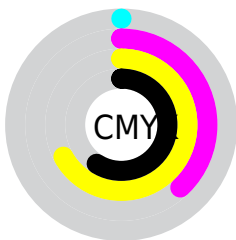
# Distribution



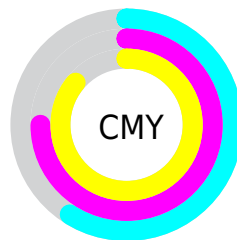
- Red (41%)
- Green (25%)
- Blue (14%)



- Red (41%)
- Yellow (35%)
- Blue (14%)



- Cyan (0%)
- Magenta (38%)
- Yellow (67%)
- Black (59%)



- Cyan (59%)
- Magenta (75%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 694123 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 694123 by changing the saturation by 10% instead.



 694123

 694123

FFFFFF

 4F2B0E

 9F7151

 361600

 BB8B69

 1F0000

 D8A582

 000000

 F5C09C

 FFDCB7

 FFF9D3

 FFFFF0

 694123

 694123

■ 693B19

■ 69472E

■ 69350E

■ 694D38

■ 692F04

■ 695343

■ 692D00

■ 69594D

■ 695F58

■ 696562

■ 696B6D

■ 697177

■ 697782

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



733934



694123



57491B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



694123



00564A



4C4471

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



694123



234B69

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214D78



694123



005561

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



694123



225433



005271



673C61

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



694123



484E1E



005271



404775



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



694123



8A7A6E



69234C



453B34



C4C4C4



454545



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



694123



8A4B1C



696323



363230



753200



F56900



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



234B69



1C5A8A



232969



303336



004375



008CF5



# Previews

## White Background



This preview shows how the Hex color 694123 looks on a white background.

## Color Contrast Check

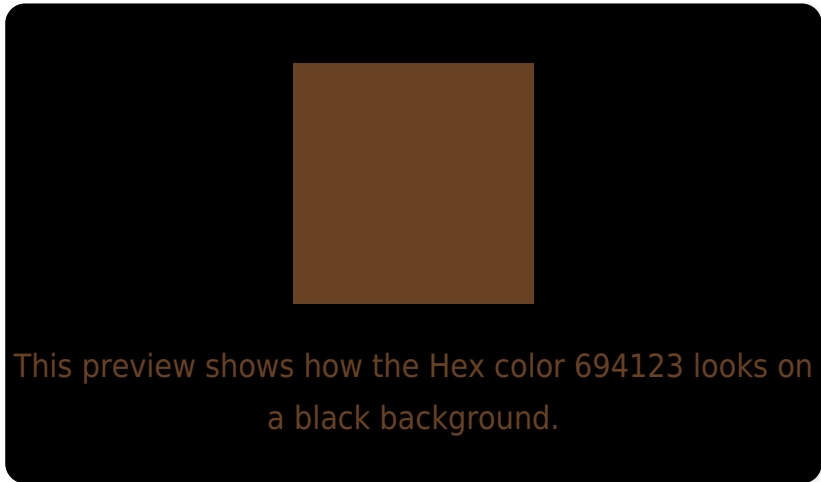
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 694123 Background



This preview shows how black text looks on a background with the Hex color 694123.



This preview shows how white text looks on a background with the Hex color 694123.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
694123

**Protanopia**  
534B26

**Deuteranopia**  
5D4721



**Tritanopia**  
6B3D42

# Trichromacy



**Original Color**  
694123

**Protanomaly**  
5B4725

**Deuteranomaly**  
614522

**Tritanomaly**  
6A3E37

# Monochromacy



**Original Color**  
694123

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
55473C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 694123 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #694123 looks like.

```
.text, #text, p{  
    color:#694123  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #694123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #694123
}
```

## Border

The CSS property to change the border of an element to Hex 694123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

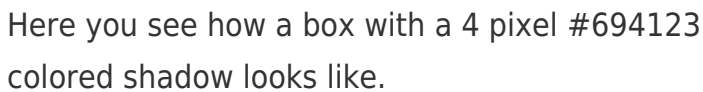
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#694123 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#694123 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #694123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #694123; -webkit-box-shadow:4px 4px  
4px 4px #694123; box-shadow:4px 4px 4px  
4px #694123 }
```

# Background

The CSS property to change the background color of an element to Hex 694123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#694123 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#694123 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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